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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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February 4, 1991

TO: File

FROM: Tony Gallegos, Reclamation Engineer *adg*.

RE: Meeting Documentation, Akzo Salt of Utah, Inc., M/045/030, Tooele County, Utah

On January 29, 1991, Mr. Dan Bauer of Akzo Salt of Utah met with Holland Shepherd and myself at the Division offices. The purpose of the meeting was to discuss the Large Mining Operation NOI received by the Division January 18, 1991. No formal review response had been made by the Division at this time.

Mr. Bauer indicated that the maps attached to the NOI contained actual and planned facilities. It was pointed out that these should be clearly identified. The maps presented were of adequate scale, although more details needed to be included. The disturbed area boundary needed to be clearly marked on the maps along with the disturbed acreage. Land ownership of the disturbed areas should also be indicated. After reviewing the maps it was felt that the majority of reclamation activities would take place at the facilities area located near Timpie.

Mr. Bauer indicated that a majority of the facilities could have a post-mining land use. The facilities have easy access to the freeway system, existing utilities, and storage/maintenance facilities. He also mentioned that portions of the main dike system could have a post-mining use of flood protection/prevention for Interstate I-80.

Reclamation treatments for this site would include breaching the nonessential dikes to prevent them from impounding water and to allow natural erosion. Mr. Bauer indicated that many of the dikes contained gates which could easily be left open or closed instead of breaching them. He stated that the main dikes are constructed with a clay core then a layer of silt materials and then rip-rap. He believed the clay material originated from two borrow sites, one site being the Poverty Point borrow area operated by the BLM. Mr. Bauer was asked to provide information regarding the source of the clay material in the revised submission. The secondary dikes were constructed with materials in-place. He stated the maximum height of the main dikes as approximately 12 feet and 8 to 10 feet for the secondary dikes.

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Reclamation at the facilities site would include removal of any residual salt stockpiles, ripping any compacted areas, seeding and scarifying. Mr. Bauer indicated that any residual salt stockpiled could be easily sold as road salt since it would require no further treatments. Holland provided Mr. Bauer with a recommended seed mix to be used at the facilities area.

It was agreed that the pond areas would not require any reclamation treatments other than preventing the impoundment of water. Distributing seed in these areas was considered futile because of the salt sediments.

Mr. Bauer was informed that Akzo would need to request several variances in the revised NOI and provide justification for these variances. One variance would be to request not revegetating the pond areas. Another variance would be allowing the majority of the structures to remain, due to having viable post-mining uses. Another variance would be regarding the lack of topsoil. Mr. Bauer indicated that no topsoil was stockpiled prior to construction of the facility because none was present.

Mr. Bauer was informed of the time frames for various aspects of the review process. Namely, a 30 day period of review of the complete NOI by the Division staff, a 30 day public comment period, and then possibly 2 weeks or more until the matter can be brought before the Board of Oil, Gas and Mining in a timely manner. In closing, Mr. Bauer indicated that Akzo would try to present a revised NOI to the Division by the end of February 1991.

jb  
cc: Minerals Staff  
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